PRIVACY PRESERVATION IN CLOUD COMPUTING

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ABSTRACT

Cloud computing provides several applications and resources to users in pay-as-you-go manner and saves huge capital investment. Many methods have been investigated to withstand attackers like data anonymization, Privacy-preserving architecture, dynamic metadata reconstruction. For the research work, the Personal Health Records are collected and sources are given to the researchers. In proposed technique, the research focuses on privacy preservation using Dynamic Metadata Reconstruction for shared PHR. EKMC Clustering algorithm is used to cluster the data. Next step is table splitting in which normalization is done. For that X.509 certificate is used. Ephemeral referential consonance is used to preserve privacy of user exclusive private data. Data Aggregation and Deduplication (DAD) algorithm decrease the cost of storage by removing repeated data in cloud.